



PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail****Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (703) 746-4000**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

11/18/2004

Min (Amy) S. Xu
DORSEY & WHITNEY LLP
Intellectual Property Department
50 South Sixth Street, Suite 1500
Minneapolis, MN 55402-1498

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Frances Essien	(Depositor's name)
<i>Frances Essien</i>	(Signature)
December 9, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/621,626	07/17/2003	Yao Wu Ding	33363/US	1877

TITLE OF INVENTION: EMULSION PUMP WITH AN AIR CHANNEL PREVENTING LIQUID ENTRANCE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$685	\$300	\$985	02/18/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
FREAY, CHARLES GRANT	3746	417-555100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Dorsey & Whitney LLP

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

12/14/2004 INVENTOR 00000043 10621626

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

01 FC:1504 300.00 OP
02 FC:2501 700.00 OP

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee (No small entity discount permitted)☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 04-1420 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☒ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Min S Xu

Date

Dec. 9, 2004Typed or printed name Min (Amy) S. XuRegistration No. 39,536

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



**APPLICATION
FEE TRANSMITTAL SHEET
(FY 2005)**

Complete if Known

Application No.	10/621,626
Filing Date	July 17, 2003
First Named Inventor	Yao Wu Ding
Group Art Unit	3746
Examiner Name	C. Freay
Atty. Docket Number	33363/US

METHOD OF PAYMENT (Check One)

1. ☒ The Director is hereby authorized to charge indicated fees and credit any over payments to:
Deposit Account No.: 04-1420
Deposit Account Name: DORSEY & WHITNEY LLP

- ☒ Charge any additional fee required under 37 C.F.R. 1.16 and 1.17
☐ Applicant claims small entity status (see 37 C.F.R. 1.27)

2. ☒ Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Fee Description
200	100	<input type="checkbox"/> Provisional Filing Fee
300	150	<input type="checkbox"/> Utility Filing Fee
200	100	<input type="checkbox"/> Design Filing Fee
300	150	<input type="checkbox"/> Reissue Filing Fee

Subtotal (1)

2. EXTRA* CLAIM FEES

Number Claims	Prior	Extra	Fee from Below*	Fee Paid
Total	- 20	=	x	=
Indep.	- 3	=	x	=
Multiple Dependent Claims		=	x	=

Subtotal (2)

***Calculation of Extra Claim Fees**

Large Entity Fee	Small Entity Fee	Fee Description
50	25	Claims in excess of 20
200	100	Independent claims in excess of 3
360	180	Multiple dependent Claim
200	100	Reissue independent claims over original patent
50	25	Reissue claims in excess of 20 and over original patent

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee paid
50	25	Surcharge - late provisional filing fee or cover sheet	
130	65	Surcharge - Late nonprovisional filing fee or oath	
180	180	Submission of IDS	
40	40	Recording each patent assignment per property (times number of properties)	
110	55	Extension for reply within first month	
430	215	Extension for reply within second month	
980	490	Extension for reply within third month	
1,530	765	Extension for reply within fourth month	
2,080	1,040	Extension for reply within fifth month	
790	395	Submission After Final 1.129	
340	170	Notice of Appeal	
340	170	Filing a brief in support of an appeal	
300	150	Request for oral hearing	
110	55	Terminal Disclaimer Fee	
400		Petitions to the Director (Group I)	
200		Petitions to the Director (Group II)	
130		Petitions to the Director (Group III)	
1,400	700	Utility/Reissue Issue Fee	\$700.00
490	245	Design Issue Fee	
790	395	Request for Continued Examination (RCE)	
300		Request for voluntary publication or republication	\$300.00
110	55	Petition to Revive - unavoidable	
1,370	685	Petition to Revive - unintentional	

OTHER FEE (specify)

Subtotal (3) \$1,000.00

Total Amount of Payment: \$1,000.00

Submitted by:

CUSTOMER NUMBER

25763

DORSEY & WHITNEY LLP

Intellectual Property Department
Suite 1500, 50 South Sixth Street
Minneapolis, MN 55402

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Signature:

Reg. No.: 39,536

Date: Dec. 9, 2004



Docket: 33363/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

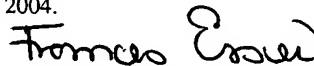
First Named Inventor:	Yao Wu Ding	
Application No.:	10/621,626	
Filing Date:	July 17, 2003	Examiner: C. Freay
Title:	Emulsion Pump with an Air Channel Preventing Liquid Entrance	Group Art Unit: 3746

LETTER SUBMITTING ISSUE FEE

Mail Stop Issue Fee

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this document is being sent via First Class U.S. mail addressed to: **Mail Stop Issue Fee**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 9 day of December, 2004.


(Signature)

Dear Sir:


Pursuant to the Notice of Allowance mailed November 18, 2004, the above-identified application has been allowed and payment of the issue fee is now required. Enclosed are the following items:

1. Part B - Issue Fee Transmittal (1 page);
2. Fee Transmittal (1 page, in duplicate), including a check for \$1000.00 for payment of the issue fee and publication fee;
3. Postcard.

Respectfully submitted,

DORSEY & WHITNEY LLP
Customer Number 25763

Date: Dec. 9, 2004

By: 
Min (Amy) S. Xu (Reg. No. 39,536)
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